

## DAILY FIELD ACTIVITY REPORT

**PROJECT NAME:** Pre-Remedial Design Investigation and Baseline Sampling, Portland Harbor Superfund Site

<b>DATE:</b> August 20, 2018	<b>WEATHER:</b> Sunny and slightly smoky from wild fires, 60s in AM, high of 94F
<b>Personnel and Visitors Onsite:</b> Boat #1 (R/V Duffield): <u>CDM Smith</u> : Jonni Wallingford; <u>AECOM</u> : Glen Mejia; <u>Gravity Marine</u> : Mike Duffield; <u>Contract Angler</u> : Rich Tombleson  Boat #2 (R/V Schaefer): <u>CDM Smith</u> : Jennifer Jones; <u>AECOM</u> : Jenny Pretare; <u>Gravity Marine</u> : John Schaefer; <u>Contract Angler</u> : Fabyin Clardy	
<b>Planned Activity:</b> <ul style="list-style-type: none"><li>Fish collection between river mile (RM) 5 to 7 for the fish tissue sampling study.</li></ul>	
<b>Activity Completed:</b> <p>A tailgate safety meeting was conducted by AECOM. Items discussed included pinch points, vessel specific safety orientation, safety glasses, AED, First Aid processes, and hot/smoky weather.</p> <p>Jonni Wallingford (Boat #1) and Jennifer Jones (Boat #2) performed oversight of fish collection from 06:30 to 14:30 from RM 5 to 7. Specific activities completed by AECOM, with vessel support from Gravity Marine, and fish collection support by local contract anglers, are as follows:</p> <ul style="list-style-type: none"><li>Control point checks for handheld GPS devices were conducted in the morning at PH1 before arriving at the Swan Island boat ramp. AECOM indicated they would perform afternoon control point check at the end of the day.</li><li>Fish collection on Boat #1 was attempted at 8 locations, and 7 smallmouth bass (SMB) were collected at locations 044, 042, 040, 038, 036, 032, and 030. Fish collection on Boat #2 was attempted at 9 locations, and 3 SMB were collected at locations 029, 039, and 043. For each SMB collected, photographs of the SMB and capture location were taken, capture location was stored on a handheld GPS unit on the boats, total and fork length was measured on a fish board, and weight was recorded. Total length, fork length and weight are included below.</li></ul>	
<b>Status of Schedule &amp; Priority Work:</b> <ul style="list-style-type: none"><li>Sixty-two out of a total sample size of 135 SMB have been collected for analysis</li><li>Fish collection will continue this week through Friday 8/24</li></ul>	
<b>Issues/Concerns/Resolutions (include work performed that was not planned or anticipated):</b> <p>The SMB caught at location 043 (Willamette Cove) was a tagged fish, part of the fish acoustic tracking study. The dorsal floy tag that had been installed during tagging was missing, so it was not immediately obvious upon observing the fish that it was a tagged fish and should be released. The fish was killed before it was determined upon further observation that there were sutures and a small wound where the tag had been installed, and a small wound on the dorsal side where the floy tag had been installed, but apparently had fallen off.</p> <p>In addition, a sheen was observed at location 041 which is just upstream of Gasco. Bubbles were observed coming to the surface, creating sheens, and a heavy oil odor was noted. Photos of the sheen were sent to EPA.</p>	
<b>Samples Collected, Measurements Made, Photographs: (List Locations, Matrix &amp; Sample type):</b> <p>The 7 SMB samples collected from Boat #1 are as follows:</p> <ul style="list-style-type: none"><li>PDI-TF-SMB-044 – total length 240 mm, fork length 226 mm, weight 0.35 lb.</li><li>PDI-TF-SMB-042 – total length 278 mm, fork length 263 mm, weight 0.65 lb.</li><li>PDI-TF-SMB-040 – total length 287 mm, fork length 276 mm, weight 0.69 lb.</li><li>PDI-TF-SMB-038 – total length 265 mm, fork length 251 mm, weight 0.54 lb.</li><li>PDI-TF-SMB-036 – total length 295 mm, fork length 280 mm, weight 0.67 lb.</li><li>PDI-TF-SMB-032 – total length 247 mm, fork length 234 mm, weight 0.42 lb.</li><li>PDI-TF-SMB-030 – total length 310 mm, fork length 295 mm, weight 0.85 lb.</li></ul> <p>At the following location, fishing was attempted for a minimum of 30 minutes, but no SMB were caught in the appropriate size range for tissue sampling: 034.</p> <p>The 3 SMB samples collected from Boat #2 are as follows:</p> <ul style="list-style-type: none"><li>PDI-TF-SMB-029 – total length 275 mm, fork length 265 mm, weight 0.53 lb.</li><li>PDI-TF-SMB-039 – total length 302 mm, fork length 288 mm, weight 0.90 lb.</li><li>PDI-TF-SMB-043 – total length 302 mm, fork length 294 mm, weight was not noted by the observer.</li></ul>	

<p>At the following locations, fishing was attempted for a minimum of 30 minutes, but no SMB were caught in the appropriate size range for tissue sampling: 031, 033, 035, 037, 041, and 045.</p> <p>All SMB collected were caught at locations near the proposed collection location, and GPS coordinates were taken at the location the fish were caught.</p> <p>Photographs of work were taken throughout the day and provided to EPA via email. Additional photos were taken and archived with a description included in the photolog Excel spreadsheet, which are maintained electronically in the ProjectWise project folder.</p>			
<p><b>Borings Completed (Include total footage drilled for each boring):</b></p> <p>None</p>			
<p><b>Wastes Generated and How Handled:</b></p> <p>Disposable gloves, paper towels, and other general trash was containerized in a trash bag and removed daily for disposal in a municipal waste management dumpster.</p> <p>Decontamination water was rinsed into surface water.</p>			
<p><b>Health and Safety Issues, Equipment Needs, Staffing:</b></p> <p>None</p>			
<p><b>Signature:</b>      Jonni Wallingford</p> <p>_____</p>		<p><b>DATE</b>      August 20, 2018</p> <p>_____</p>	
<p><b>Signature:</b>      Jennifer Jones</p> <p>_____</p>		<p><b>DATE</b>      August 20, 2018</p> <p>_____</p>	